

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method for detachably docking a portable device to a docking device, the method comprising:

placing the docking device on a stable surface, wherein the docking device includes a pair of moveable rear latches and a pair of moveable front latches;

aligning the portable device with the docking device in a substantially vertical direction;

applying a substantially vertical force on the portable device to cause the docking, wherein the pair of moveable rear latches and the pair of moveable front latches are operable to resiliently spread apart in opposite directions to movably latch on to corresponding matching slots of the portable device when docked whereby the portable device is secured to the docking device;

providing a plurality of side sections on the docking device, at least one of the side sections including an alignment fin; and

indicating with a light emitting diode that the portable device and the docking device are properly docked and are communicating via the electrical connector.

2. (Original) The method of claim 1, wherein the aligning includes alignment of a pair of alignment pins included in the docking device with corresponding notches on the portable device.

3. (Previously Presented) The method of claim 2, wherein the applying the substantially vertical force causes the pair of alignment pins to mate with the corresponding notches.

4. (Previously Presented) The method of claim 1, the docking device comprising:
 - a substantially planar bottom section capable of being placed on the stable surface, wherein the pair of moveable rear latches and the pair of moveable front latches are affixed to the bottom section, wherein the pair of moveable rear latches and pair of moveable front latches are aligned substantially perpendicular to the bottom section;
 - a substantially planar top section being operative to receive a bottom section of the portable device for docking, wherein the top section includes openings for the pair of moveable rear latches and the pair of moveable front latches to permit latching on to corresponding matching slots of the portable device when docked, wherein the docking causes the pair of alignment pins included in the top section to mate with the corresponding notches; and
 - wherein at least one of the side sections includes a release latch operable to undock the portable device.
5. (Original) The method of claim 4, wherein the top section includes at least one electrical connector for electrically coupling the portable device to the docking device when docked.
6. (Previously Presented) The method of claim 1, wherein applying the substantially vertical force causes the pair of moveable rear latches and the pair of moveable front latches to be slightly moved in an outwardly or inwardly direction.
7. (Previously Presented) The method of claim 6, wherein the slight movement of the pair of the moveable rear latches and the pair of moveable front latches enables the corresponding matching slots to latch in response to the substantially vertical force.
8. (Original) The method of claim 6, wherein the slight movement is about 20 degrees.

9. (Previously Presented) The method of claim 1, wherein each of the pair of moveable rear latches and the pair of moveable front latches include a spring mechanism capable of providing a lateral force to latch the portable device in response to the substantially vertical force, wherein the spring mechanism is in a loaded position while the portable device is being docked and in an unloaded position when the portable device is docked.
10. (Previously Presented) A docking system operable to detachably dock a portable device, the system comprising:
 - a pair of moveable rear latches and a pair of moveable front latches, wherein the pair of moveable rear latches and the pair of moveable front latches are operable to resiliently spread apart in opposite directions to latch on to corresponding matching slots of the portable device in response to an application of a substantially vertical force on the portable device for docking whereby the portable device is secured to the docking device;
 - a pair of alignment pins, wherein the pair of alignment pins are operable to mate with corresponding notches on the portable device when the portable device is docked;
 - a plurality of side sections on the docking device, at least one of the side sections including an alignment fin; and
 - a light emitting diode operable to indicate that the portable device and the docking device are properly docked and are communicating via the electrical connector.
11. (Previously Presented) The system of claim 10, comprising:
 - a substantially planar bottom section, wherein the pair of moveable rear latches and the pair of moveable front latches are affixed to the bottom section, wherein the pair of moveable rear latches and the pair of moveable front latches are aligned substantially perpendicular to the bottom section;
 - a substantially planar top section being operative to receive a bottom section of the portable device for docking, wherein the top section includes openings for the pair of moveable rear latches and the pair of moveable front latches to permit latching on to corresponding matching slots of the portable device when docked, wherein the docking causes the pair of alignment pins included in the top section to mate with the corresponding notches; and

wherein at least one of the side sections includes a release latch operable to undock the portable device.

12. (Original) The system of claim 11, wherein the top section includes at least one electrical connector for electrically coupling the portable device to the docking device when docked.
13. (Previously Presented) The system of claim 10, wherein applying the substantially vertical force on the portable device causes the pair of moveable rear latches and the pair of moveable front latches to be slightly moved in an outwardly or inwardly direction.
14. (Previously Presented) The system of claim 13, wherein the slight movement of the pair of the moveable rear latches and the pair of moveable front latches enables the corresponding matching slots to latch in response to the substantially vertical force.
15. (Original) The system of claim 13, wherein the slight movement is about 20 degrees.
16. (Previously Presented) The system of claim 10, wherein each of the pair of moveable rear latches and each of the pair of moveable front latches include a spring mechanism capable of providing a lateral force to latch the portable device in response to the vertical force, wherein the spring mechanism is in a loaded position while the portable device is being docked and in an unloaded position when the portable device is docked.
17. (Original) The system of claim 10, wherein the docking system substantially resembles a rectangular prism.

18. (Currently Amended) An information handling system comprising:
 - a portable device, wherein the portable device includes:
 - a processor;
 - a system bus;
 - a memory coupled to the processor through the system bus;
 - a light emitting diode; and
 - a docking device having at least one peripheral device, wherein the docking device is operable to detachably dock the portable device, wherein the docking device includes:
 - a pair of moveable rear latches and a pair of moveable front latches, wherein the pair of moveable rear latches and the pair of moveable front latches are operable to resiliently spread apart in opposite directions to latch on to corresponding matching slots of the portable device in response to an application of a substantially vertical force on the portable device for docking whereby the portable device is secured to the docking device;
 - a plurality of side sections on the docking device, at least one of the side sections including an alignment fin;
 - a pair of alignment pins, wherein the pair of alignment pins are operable to mate with corresponding notches on the portable device when the portable device is docked; and
 - a connector to electrically couple the processor and the at least one peripheral device when the portable device is docked, wherein the light emitting diode located on the portable device is operable to indicate that the portable device and the docking device are properly docked and are communicating via the electrical connector.

19. (Previously Presented) The system of claim 18, wherein applying the vertical force causes the pair of moveable rear latches and the pair of moveable front latches to be slightly moved in an outwardly or inwardly direction.

20. (Previously Presented) The system of claim 18, wherein each of the pair of moveable rear latches and the pair of moveable front latches include a spring mechanism capable of providing a lateral force to latch the portable device in response to the vertical force, wherein the spring mechanism is in a loaded position while the portable device is being docked and in an unloaded position when the portable device is docked.
21. (Currently Amended) An information handling system comprising:
 - a portable device, wherein the portable device includes:
 - a chassis;
 - a microprocessor mounted in the chassis;
 - a storage coupled to the microprocessor;
 - a light emitting diode; and
 - a docking device having at least one peripheral device, wherein the docking device is operable to detachably dock the portable device, wherein the docking device includes:
 - a pair of moveable rear latches and a pair of moveable front latches, wherein the pair of moveable rear latches and the pair of moveable front latches are operable to resiliently spread apart in opposite directions to latch on to corresponding matching slots of the portable device in response to an application of a substantially vertical force on the portable device for docking whereby the portable device is secured to the docking device;
 - a plurality of side sections on the docking device, at least one of the side sections including an alignment fin;
 - a pair of alignment pins, wherein the pair of alignment pins are operable to mate with corresponding notches on the portable device when the portable device is docked; and
 - a connector to electrically couple the processor and the at least one peripheral device when the portable device is docked, wherein the light emitting diode located on the portable device is operable to indicate that the portable device and the docking device are properly docked and are communicating via the electrical connector.